

# **Texas Division of Emergency Management Texas State Operations Center**



## **Situation Awareness Brief**



**Saturday, October 23<sup>rd</sup>, 2021  
As of 0900 CST**

# Tropical Weather Awareness



## Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida






[www.hurricanes.gov](http://www.hurricanes.gov)

No Disturbances


No new tropical cyclones are expected during the next five days.

8:00 am EDT  
Sat Oct 23 2021

100W 90W 80W 70W 60W 50W 40W 30W 20W

Current Disturbances and Five-Day Cyclone Formation Chance:  < 40%  40-60%  > 60%

Tropical or Sub-Tropical Cyclone:  Depression  Storm  Hurricane

 Post-Tropical Cyclone or Remnants

# Incidents Reported to the State Operations Center (last 24 hours)

| DATE     | SUBJECT  | LOCATION         | Final Report (Y/N) |
|----------|--|------------------|--------------------|
| 10/22/21 | Preliminary Earthquake Report (M3.5) for Western Texas | Culberson County | Y                  |
| 10/22/21 | Report of the Red Bank Fire                            | Taylor County    | Y                  |

## Informational Products Distributed by the State Operations Center

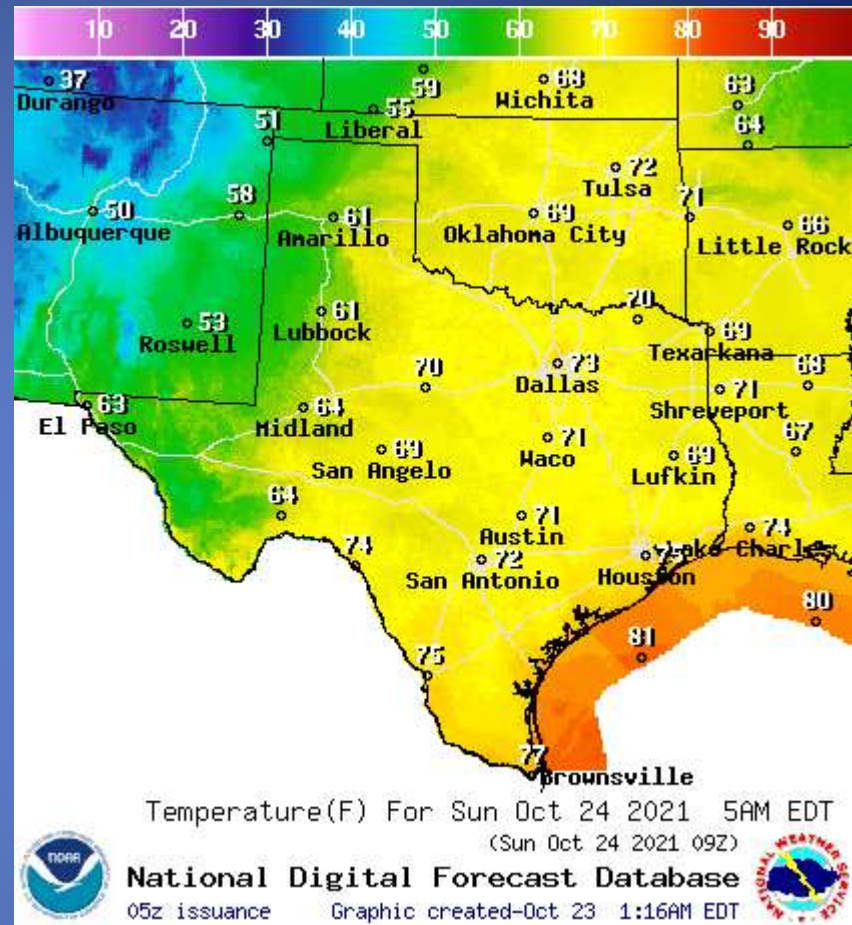
| DATE     | SUBJECT   |
|----------|---|
| 10/22/21 | NWS Brownsville: NOAA's Winter 2021/2022 Outlook Released   NWS Brownsville/Rio Grande Valley's Interpretation for November-February Includes Worsening Drought, Possibility of a Few Freezes, and Wildfire Growth Potential Increase |
| 10/23/21 | Severe Weather Threat for October 24-25, 2021   |



# Weather Forecast

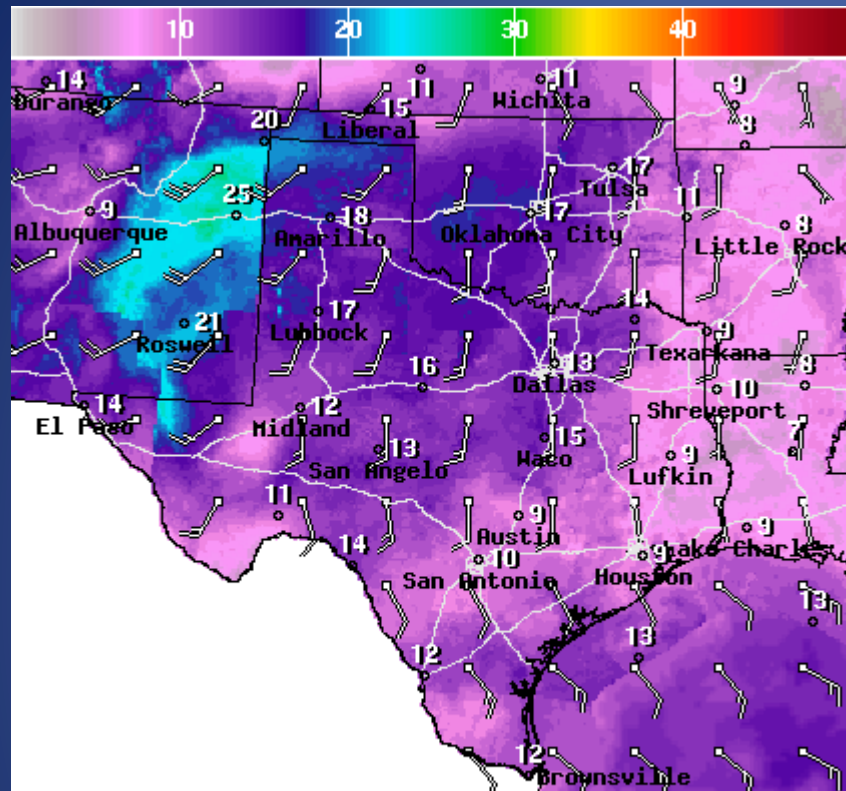


## Highs



## Lows

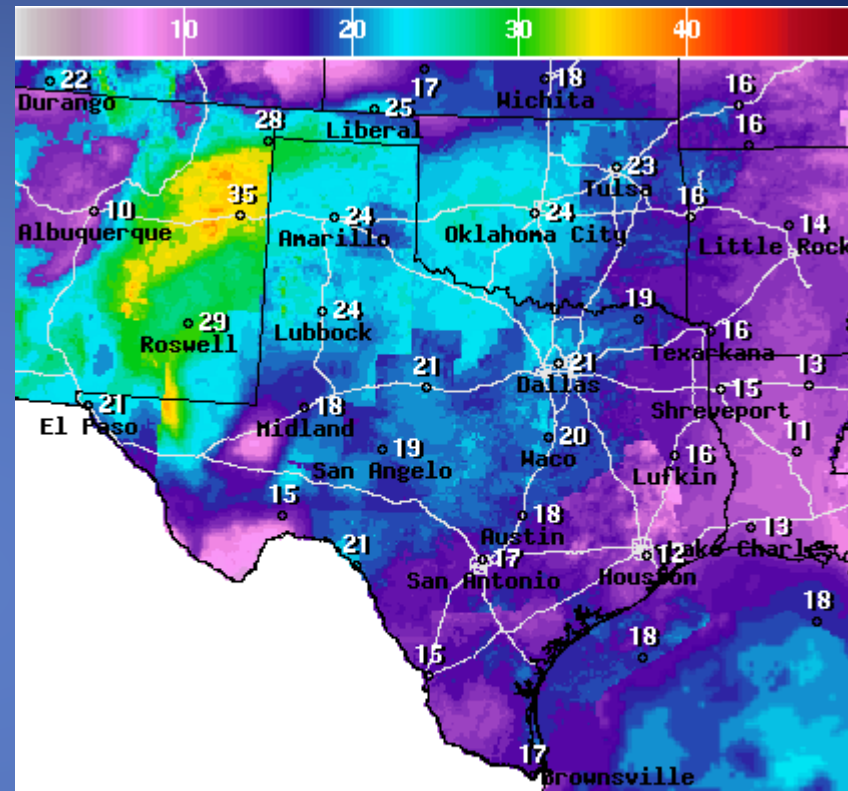
# Weather Forecast



National Digital Forecast Database

04z issuance

Graphic created-Oct 23 12:29AM EDT



National Digital Forecast Database

04z issuance

Graphic created-Oct 23 12:32AM EDT

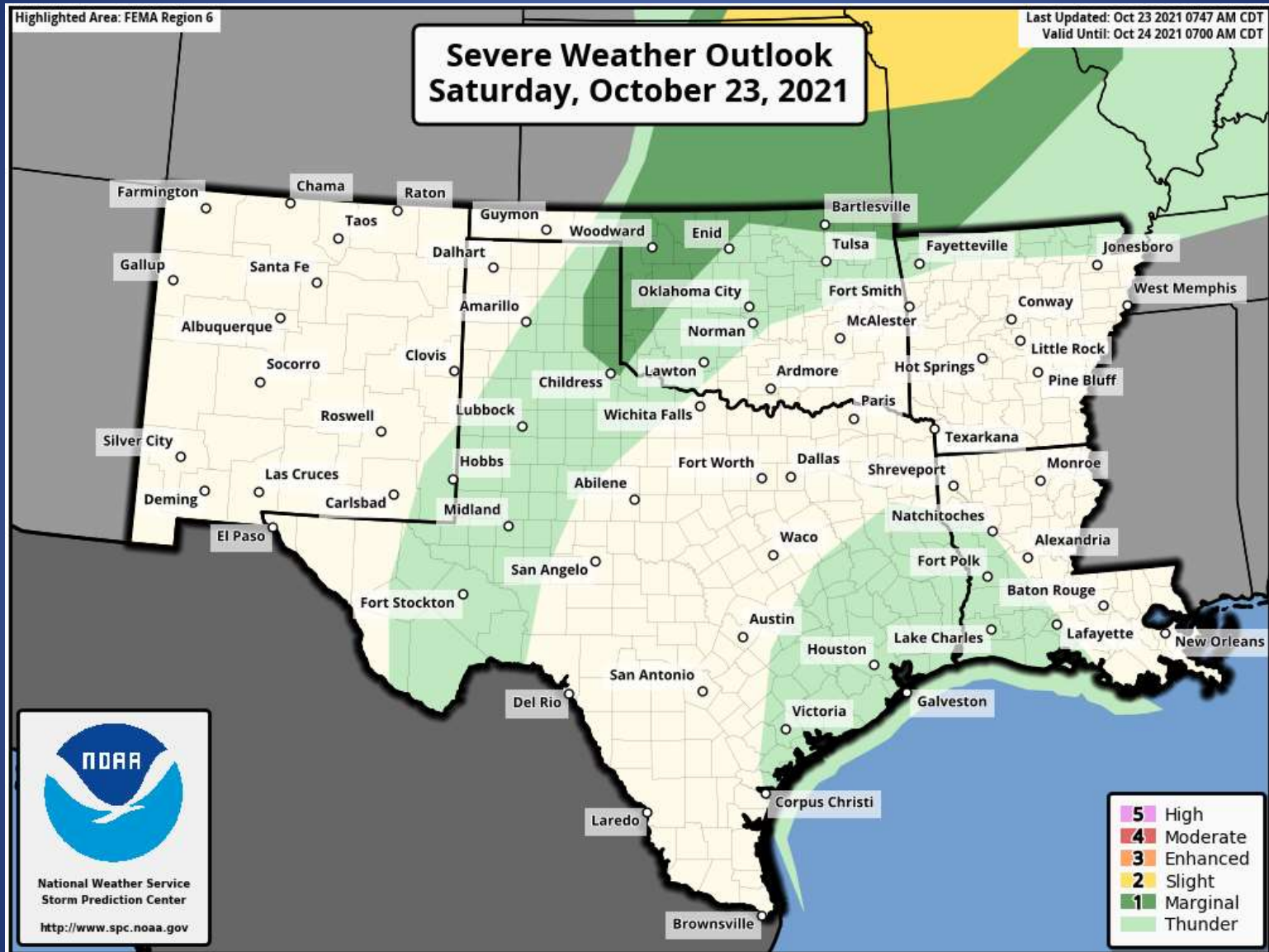


## Wind Speeds

## Gusts



# Hazardous Weather



# Hazardous Weather

## Minor Coastal Flooding Possible

For the Beaches Along the Lower Texas Coast

Weather Forecast Office  
Brownsville/RGV, TX  
Issued Oct 23, 2021 4:37 AM CDT



### Coastal Flood Statement

When: 5 PM This Evening - 3 AM Sunday

\*\*\*Flooding will be most likely around  
High Tide (8:55 PM)\*\*\*

#### IMPACTS:

Waves approaching the dunes at narrow beach segments.

Vehicles may experience higher water levels at narrow beach segments.

Elevated water levels may also occur across the Laguna Madre and South Bay, and along State Highway 4 west of Boca Chica State Park.

Minor beach erosion.



A Coastal Flood Statement is in effect from 5 PM this evening until 3 AM Sunday. Waves approaching the dunes at the local beaches is expected along with minor beach erosion. The greatest potential for flooding is around high tide at 8:55 PM tonight.

## Hazardous Beach Conditions

Beach Roads May Flood | Water May Reach the Dunes  
Victoria

Weather Forecast Office  
Corpus Christi, TX  
Issued Oct 23, 2021 4:24 AM CDT



### Coastal Flood Advisory

In effect from 4 PM Today until Midnight Tonight

- Minor flooding along Middle Texas Coast beaches
- 1 ft above ground level



Minor coastal flooding is expected this evening along Gulf-facing beaches during times of high tide. Water could reach the dunes.

# Hazardous Weather

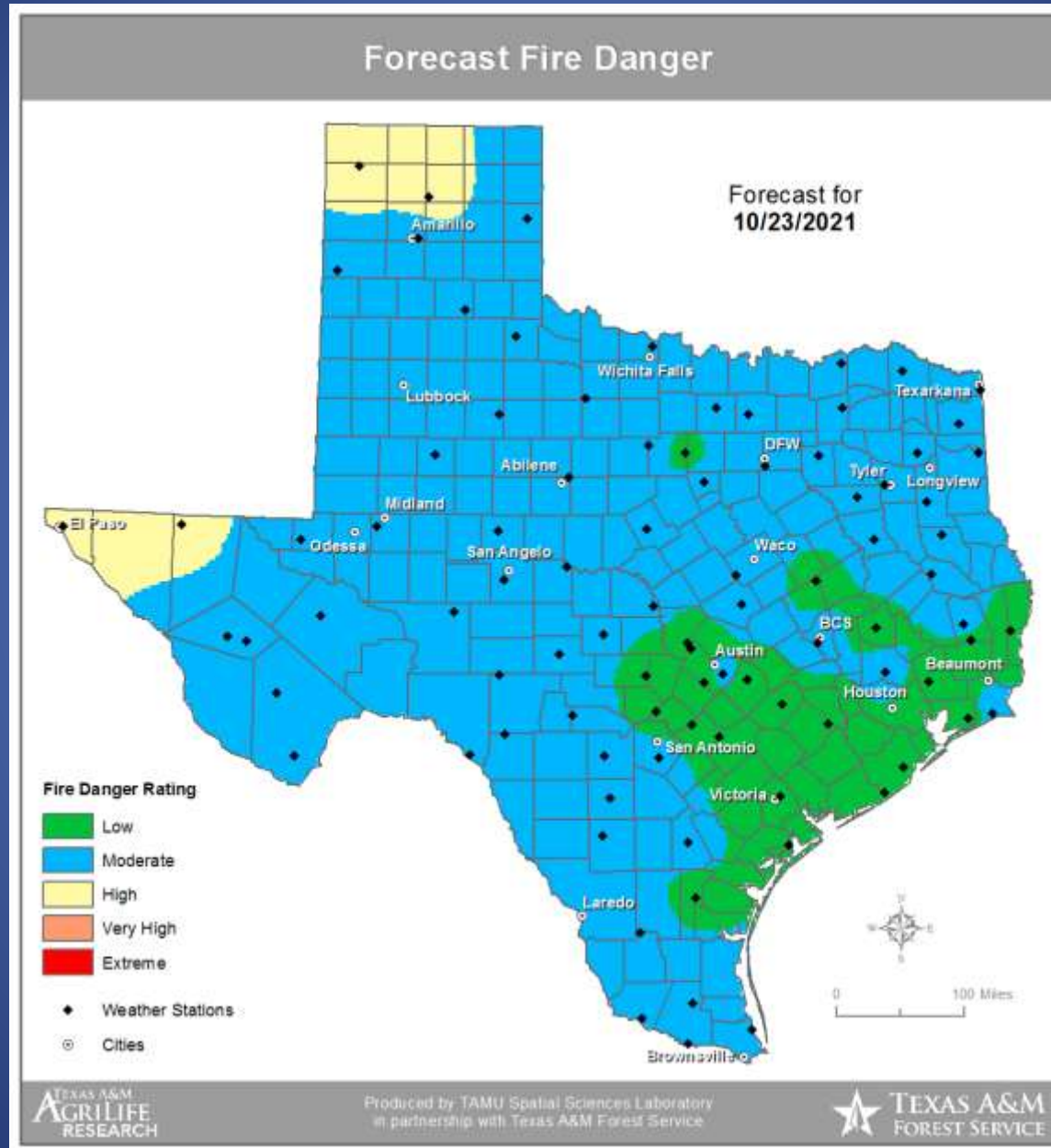




# Weather Warnings/Advisories Issued

| DATE     | WARNING TYPE                | LOCATION                                       |
|----------|-----------------------------|--|
| 10/22/21 | Flood Advisory              | Brooks, Cameron and Hidalgo Counties           |
| 10/22/21 | Severe Thunderstorm Warning | Brooks and Kenedy Counties                     |
| 10/23/21 | Coastal Flood Advisory      | Aransas, Calhoun, Kleberg, and Nueces Counties |

# Fire Danger Forecast



# Burn Ban

## OUTDOOR BURN BANS

October 22, 2021

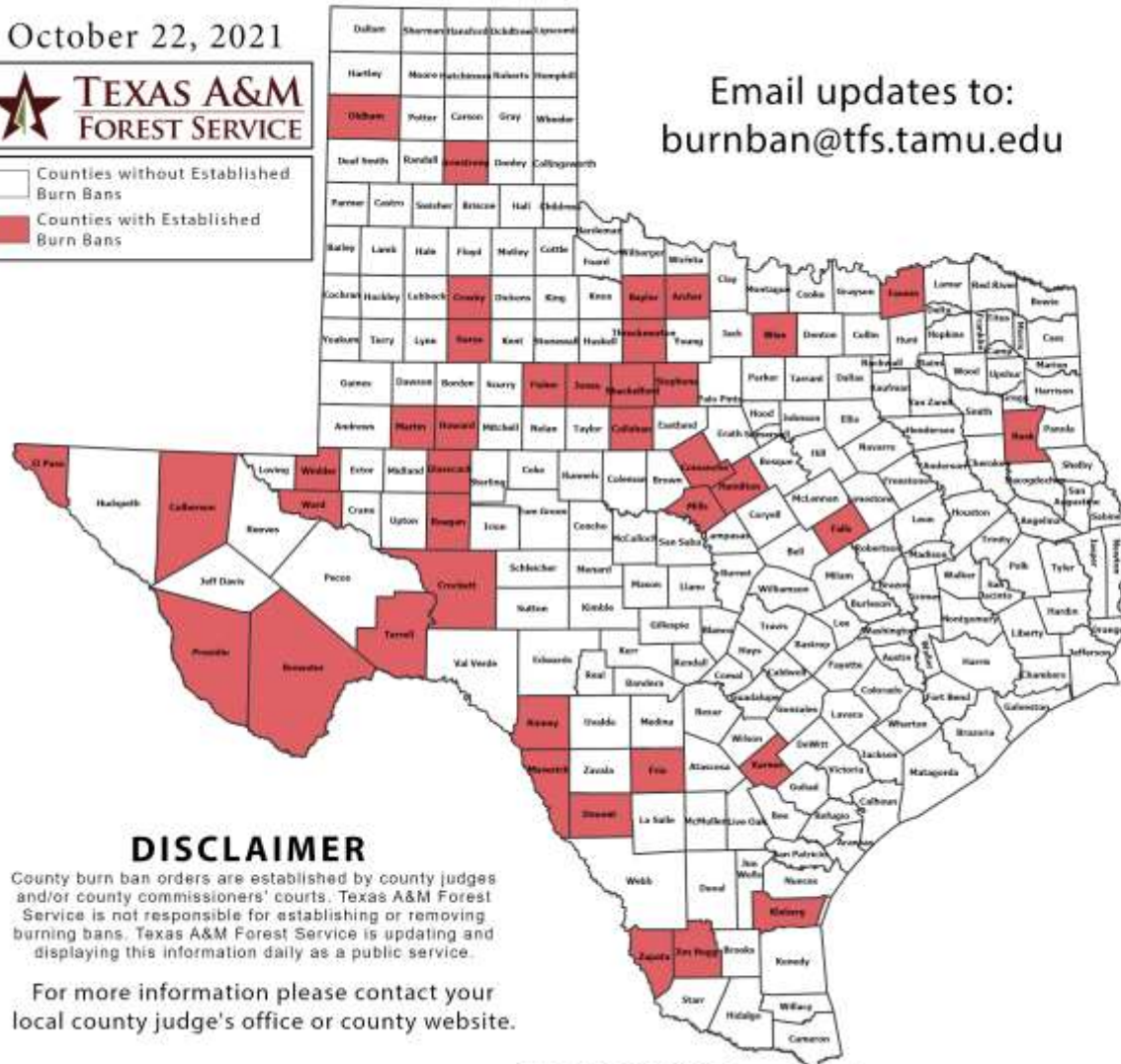


☐ Counties without Established Burn Bans  
☒ Counties with Established Burn Bans

Email updates to:  
burnban@tfs.tamu.edu

Counties with Burn Bans: 39

Archer  
 Armstrong  
 Baylor  
 Brewster  
 Callahan  
 Comanche  
 Crockett  
 Crosby  
 Culberson  
 Dimmit  
 El Paso  
 Falls  
 Fannin  
 Fisher  
 Frio  
 Garza  
 Glasscock  
 Hamilton  
 Howard  
 Jim Hogg  
 Jones  
 Karnes  
 Kinney  
 Kleberg  
 Martin  
 Maverick  
 Mills  
 Oldham  
 Presidio  
 Reagan  
 Rusk  
 Shackelford  
 Stephens  
 Terrell  
 Throckmorton  
 Ward  
 Winkler  
 Wise  
 Zapata



### DISCLAIMER

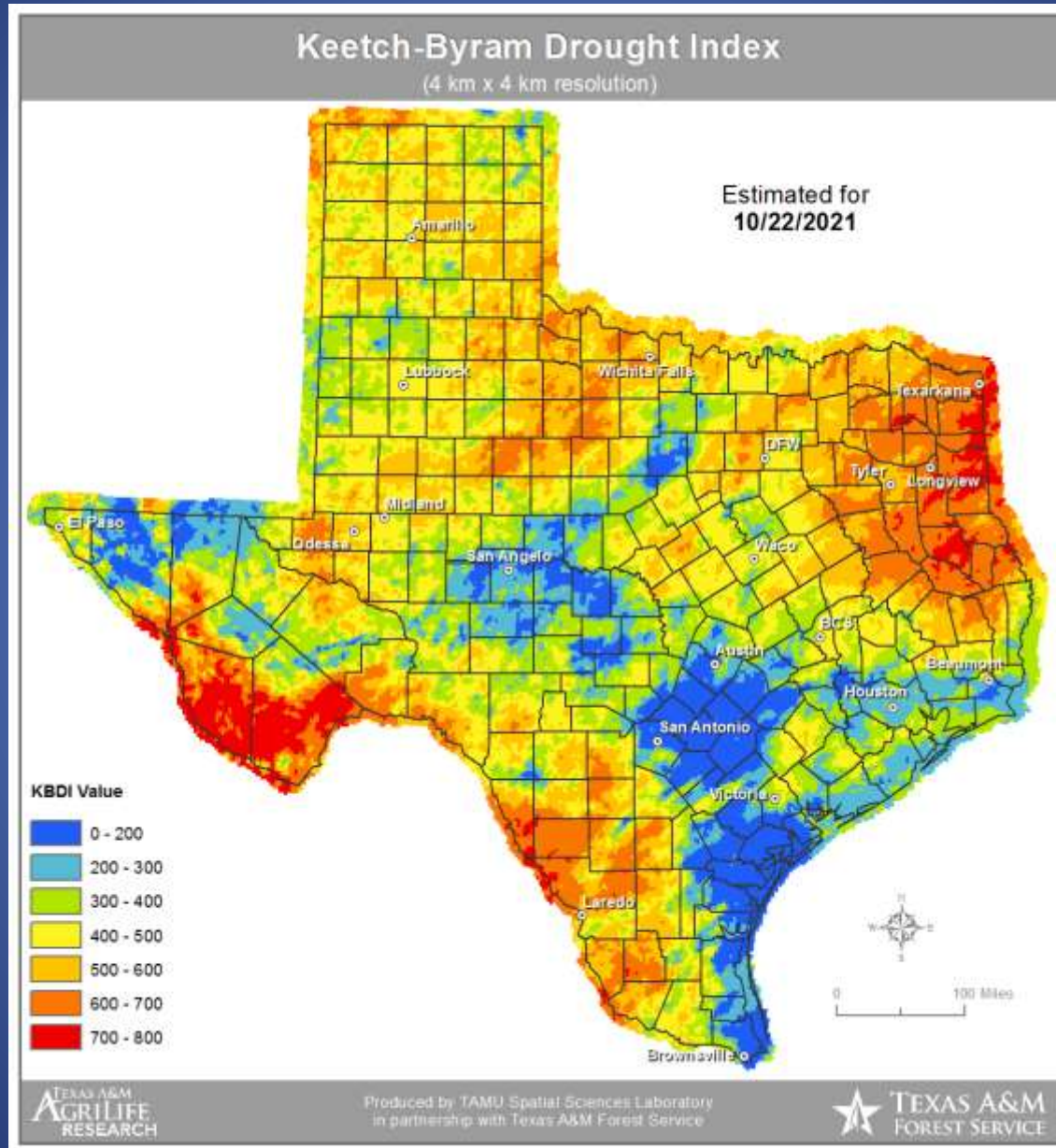
County burn ban orders are established by county judges and/or county commissioners' courts. Texas A&M Forest Service is not responsible for establishing or removing burning bans. Texas A&M Forest Service is updating and displaying this information daily as a public service.

For more information please contact your local county judge's office or county website.

**RED FLAG WARNINGS:** [www.weather.gov](http://www.weather.gov)  
 Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>



# Keetch-Byram Drought Index

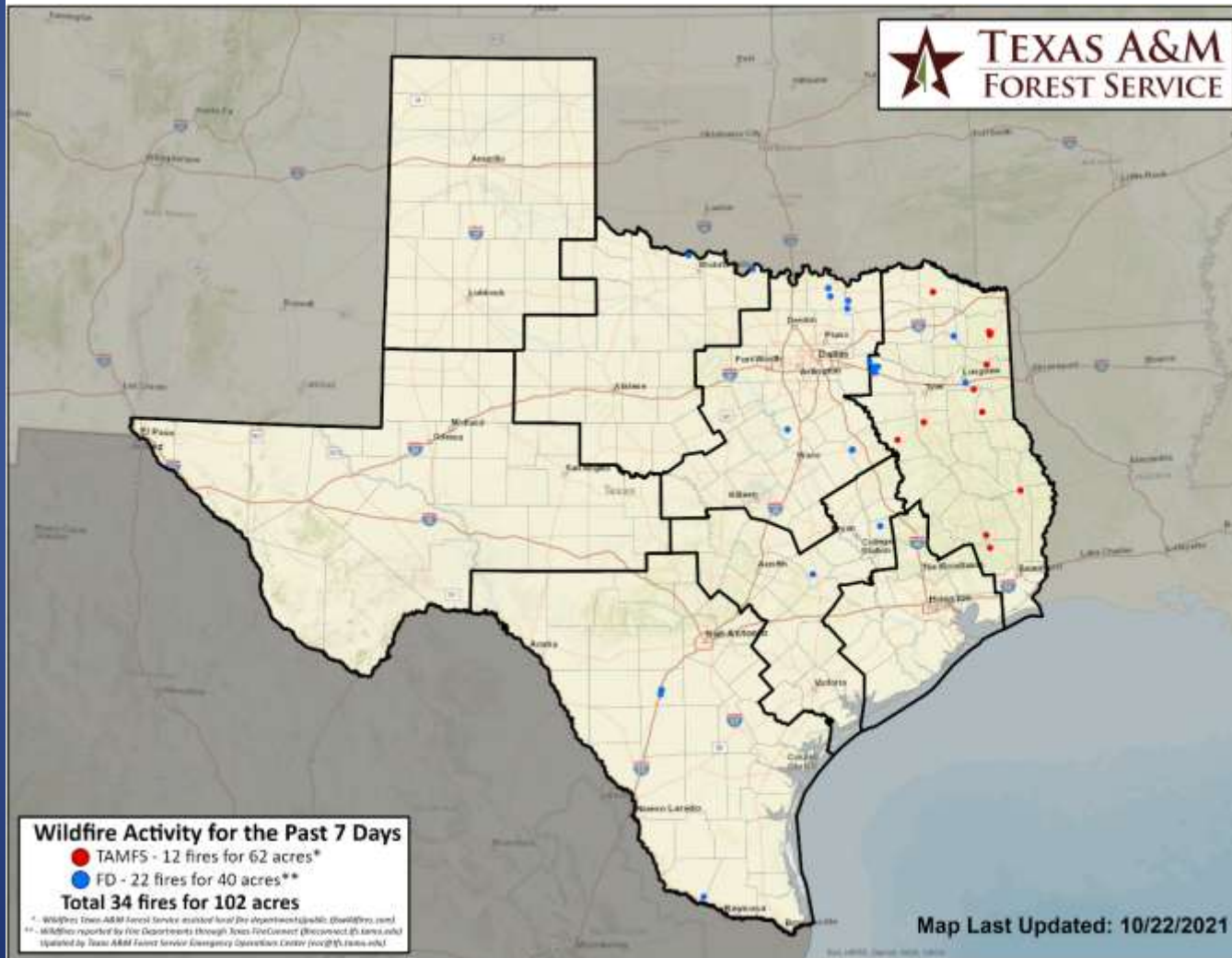


# Fire Weather Warnings/Watches/Statements

| DATE     | WARNING TYPE             | LOCATION   |
|----------|--------------------------|--|
| 10/23/21 | Fire Danger<br>Statement | Culberson, Dallam, Hansford, Hartley, Hutchinson,<br>Moore, Ochiltree and Sherman Counties |

# Fire Activity (\*Last 24 Hours)

Reports of 436 (No Change) fires and 41,954 (No Change) acres have been destroyed this year. There are 39 (+1) counties with burn bans. The Keetch-Byram Drought Index list 163 (+6) counties with an average over 400.





# Training

| DATES    |          | TITLE   | COURSE | LOCATION     |
|----------|----------|---|--------|--------------|
| 09/20/21 | 11/08/21 | Community Emergency Response Team (CERT) Course | G-317  | Stephenville |
| 09/30/21 | 11/20/21 | Community Emergency Response Team (CERT) Course | G-317  | Belton       |

# Statewide Significant Events

| DATE     |          | LOCATION        | EVENT  |
|----------|----------|-----------------|--|
| 09/04/21 | 11/13/21 | Denton          | UNT College Football Game  |
| 10/15/21 | 10/23/21 | Sequin          | Guadalupe County Fair and Rodeo                                  |
| 10/23/21 | 10/24/21 | Fort Worth      | Alliance Air Show  |
| 10/23/21 | 10/23/21 | Fort Worth      | Arts Goggle  |
| 10/23/21 | 10/23/21 | Fort Worth      | NCAA Division 1 FBS: 2021-2022 Texas Christian University Game 5 |
| 10/23/21 | 10/23/21 | College Station | NCAA Division 1 FBS: 2021-2022 Texas A&M University Game 5       |
| 10/23/21 | 10/23/21 | Houston         | Monster Jam #4   |
| 10/23/21 | 10/23/21 | Houston         | MLB ALCS Game 7: Red Sox at Astros (If Needed)                   |
| 10/24/21 | 10/24/21 | Arlington       | Monster Jam  |